

Referring now to both FIG. 3 and FIG. 4, at least one signal conductor 27 having one end 30 arranged in electrode connection region 18, and another end 31 arranged in medical device connection region ~~34~~29, is operable to provide a signal path traversing heat-sealable flexible material 32. Signal conductor 27 is preferably an electrical conductor, such as a pin connector, insert-molded into housing 20, but may be any device now known or later developed capable of causing electrical signals, or representations thereof, to traverse heat-sealable flexible material 32. Signal conductor 27 may be disposed in housing sides 18, 19, heat-sealable flexible material 32, and/or sealing surface 22.